

## Tecnicl Press Release

### Extra-Large Magnifying Lamp in Accordance with Occupational Health and Safety Regulations for Continuous Operation

In accordance with the Occupational Health and Safety Regulations effective from January 1, 1997, workplaces must be examined for suitability and risks, and if necessary, appropriate remedies or adjustments must be made.

The LICO magnifying lamp is particularly suitable for all-day use due to its extra-large optical glass lens, with optical ergonomics ensuring maximum freedom from fatigue and strain.

#### **THE "BIG EYE II", THE "GROSSE AUGE II" EXTRA-LARGE MAGNIFYING LAMPS IN ACCORDANCE WITH ASVN (OCCUPATIONAL HEALTH AND SAFETY REGULATIONS)**

Our exclusive A5-300cm<sup>2</sup>, in excellently executed "crown white", 3-diopter lens (1.75X) outshines other solutions. The upper lens surface is an extra-large 300 cm<sup>2</sup>, making it about 3 times larger than conventional lenses, allowing for clear and distortion-free viewing and working.

**View with Both Eyes!** Through the use of a lens with a height of 15 cm and a width of 20 cm; Focus: approximately 34 cm.

**The observer can thus examine objects precisely and without fatigue for extended periods. The lamp is ideal for use at inspection stations or as a machine magnifying lamp.**

#### **Eye strain is a thing of the past!**

Eye and headache issues are significant factors when employees leave work early or need to take sick leave. The costs of unperformed work or replacement staff are known to be extremely high, but potential eye damage from inadequate magnifiers cannot be compensated for. A significant reduction in overlooked or seemingly detected errors in the inspection field means that the lamp pays for itself in a very short time.

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It can thus be assumed that a magnifying lamp used by a person for more than just a few minutes must meet the following requirements: distortion-free, no prismatic effects, field of view as large as the eye's angle or larger, glare-free, adjustable ambient light, color accuracy of the lens, maximum scratch resistance of the lens, metal housing for grounding (static-free), long-term stability, and radiation minimization.



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The LICO magnifying lamp is suitable for all-day use due to its design and optical glass lens, with optical ergonomics also ensured by the brightness adjustment of the fluorescent tube, providing maximum fatigue and strain relief.

Economically, it can also be assumed that due to the improved error-free performance during inspection or work, the investment in "The Big Eye II" is amortized within a few days, often even before the invoice is paid.

The industrial version of the color-accurate, distortion-free optical glass lens and the extremely stable arm with a reach of around one meter make this magnifying lamp an industrial standard. The 34-watt fluorescent tube can be electronically adjusted from 100% to 25% brightness and is illuminated on three sides around the lens. The new LICO-LED lighting, an advancement of the LICO-Multilite, demonstrates the technically feasible with even greater proof. Truly homogeneous, shadow-free daylight, and of course, fully dimmable.

The tubes are available in "Glare-Free" (specifically for reflective surfaces) in yellow light for film rooms, or exclusively in "Ultraviolet". The glare-free effect is achieved through a special phosphating of the gas, reducing reflection on the object by approximately 60%.

**Conclusion:** Due to the sufficiently large lens, which allows unrestricted viewing with both eyes, its distortion-free nature, and its color accuracy (crown white lens), the magnifying lamp BIG EYE II meets all known professional requirements and can thus be successfully integrated into a positive workplace evaluation with the best prerequisites.